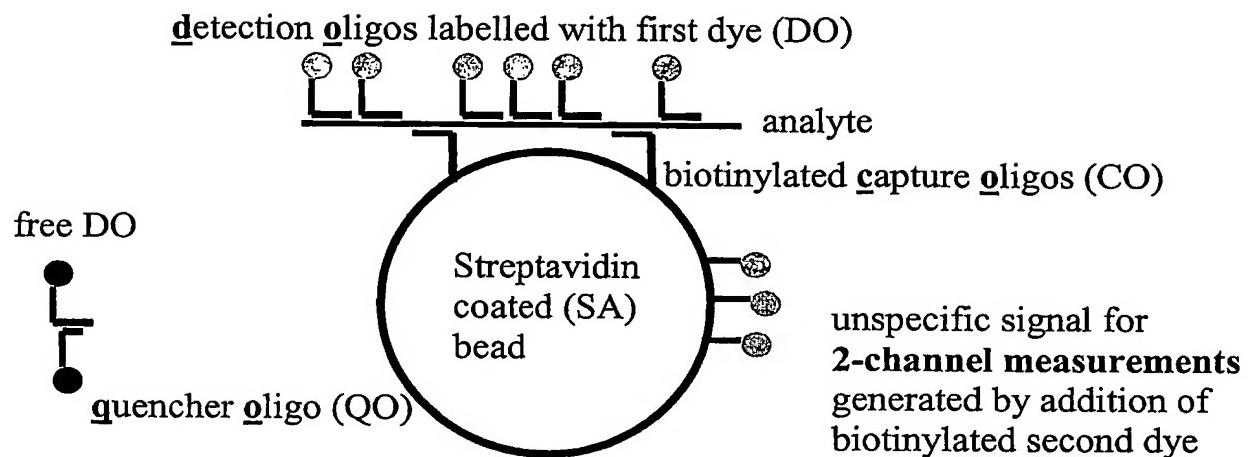


Figure 1



Free DO are quenched upon hybridisation to QO

Figure 2

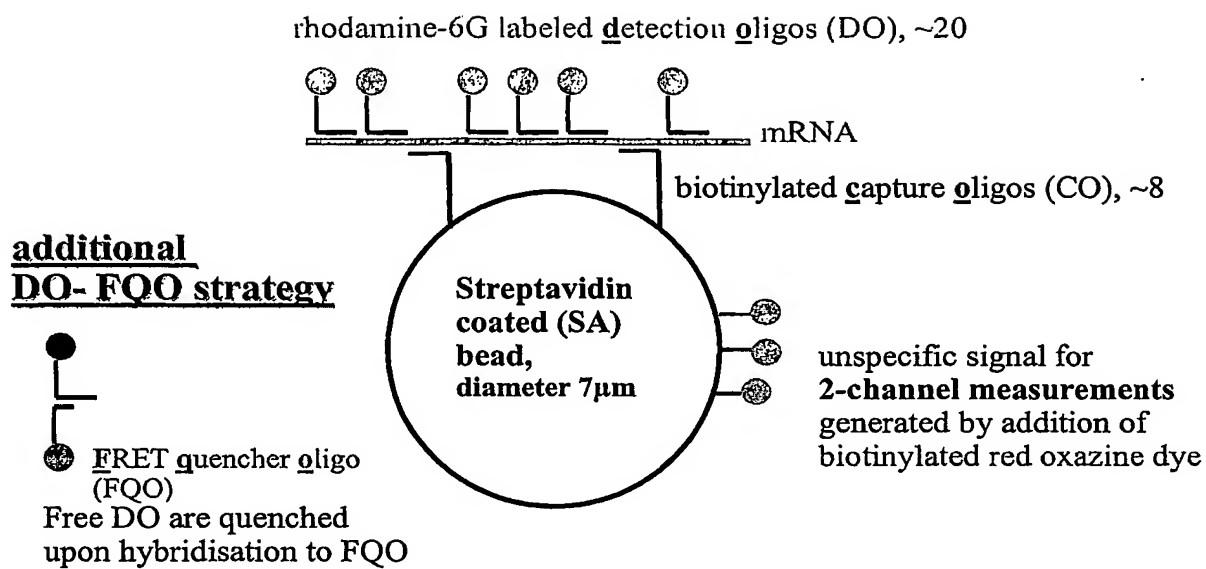


Figure 3

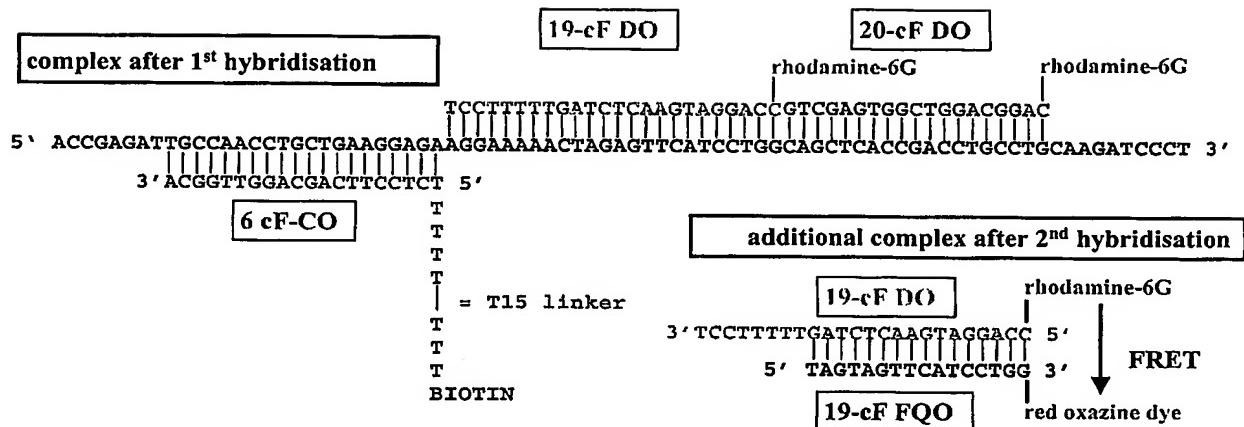


Figure 4

5/12

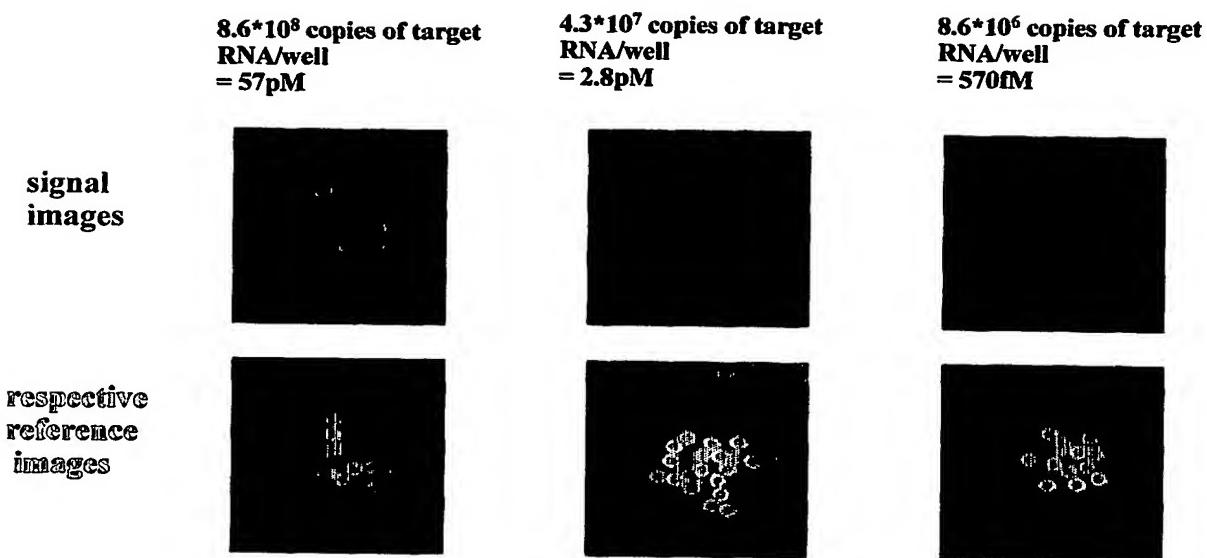
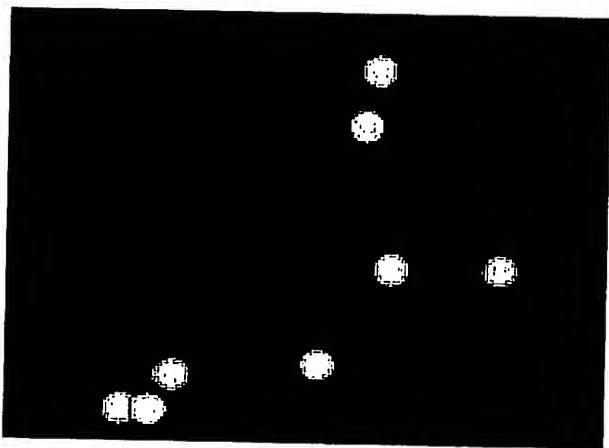


Figure 5

6/12

**Bead recognition is performed
on reference image**



**Generated mask is used for
intensity analysis in signal image**

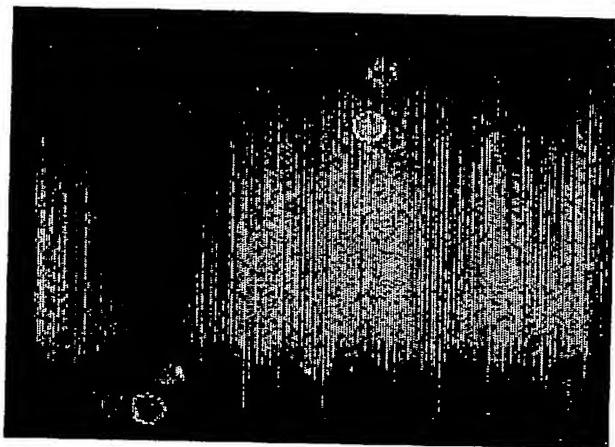


Figure 6

7/12

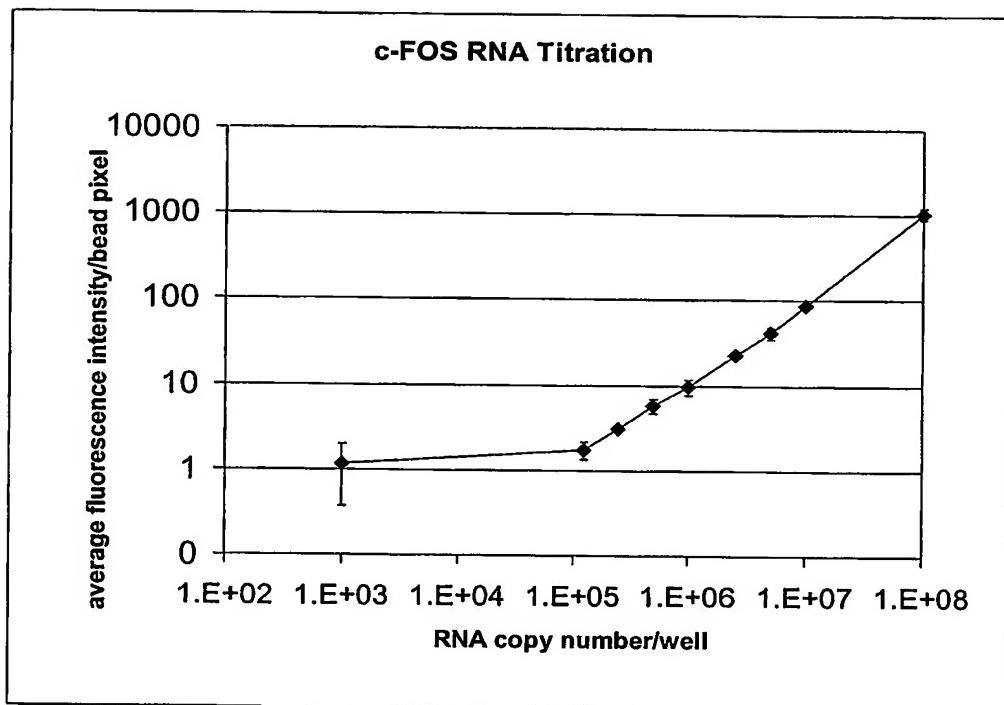


Figure 7

8/12

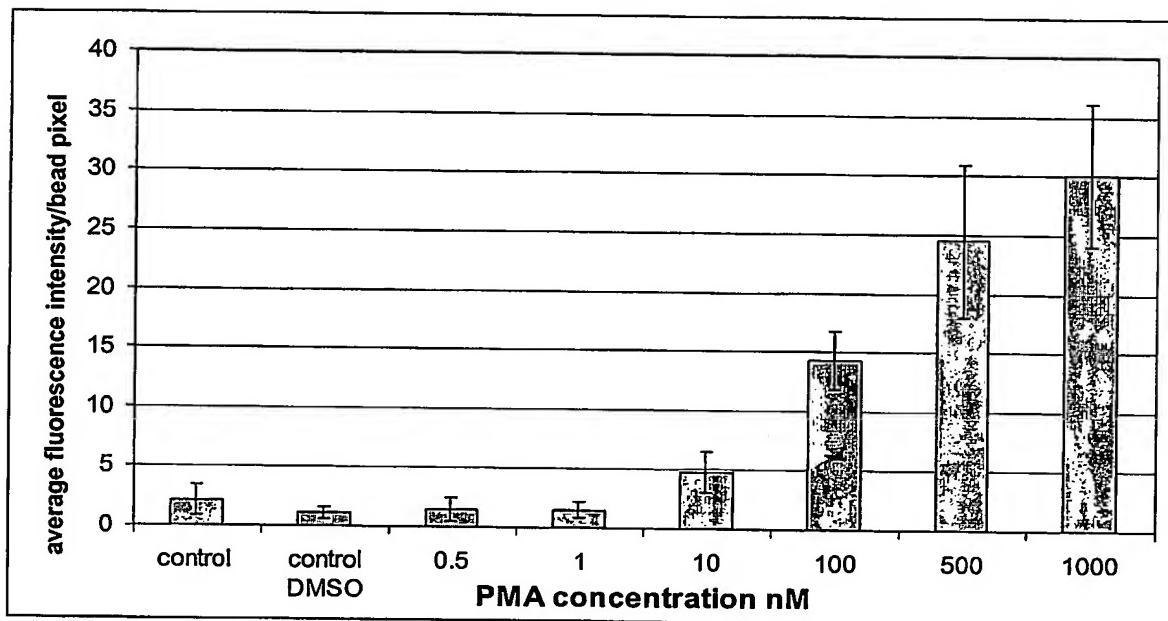


Figure 8

9/12

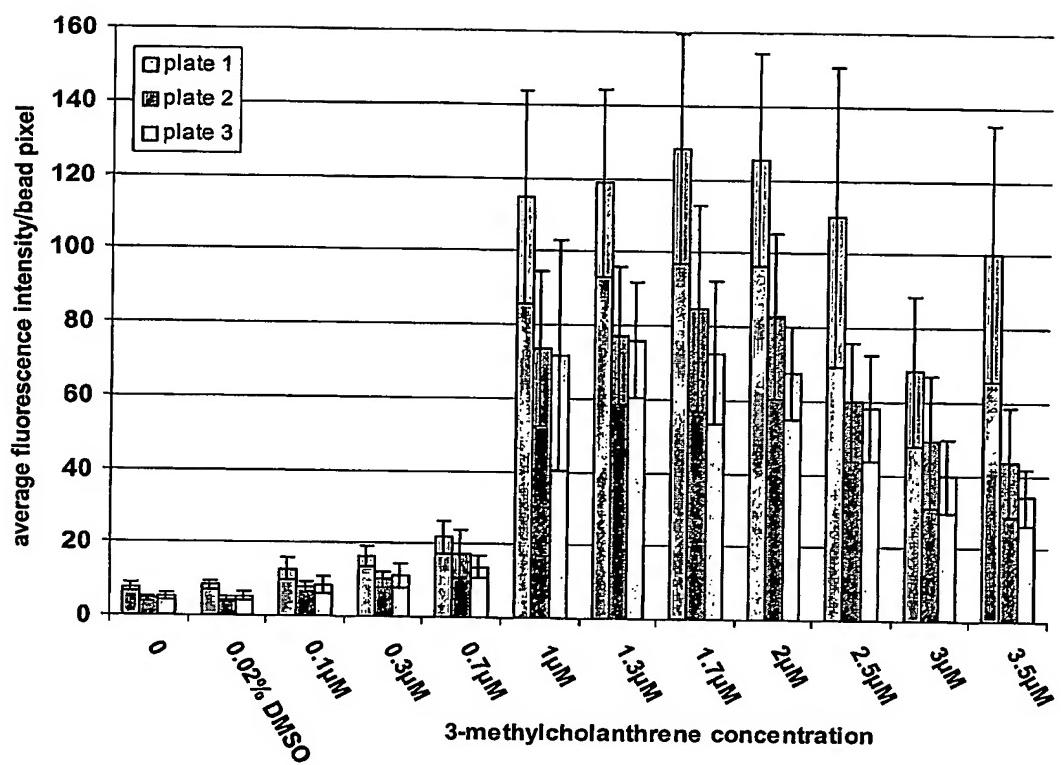


Figure 9

10/12

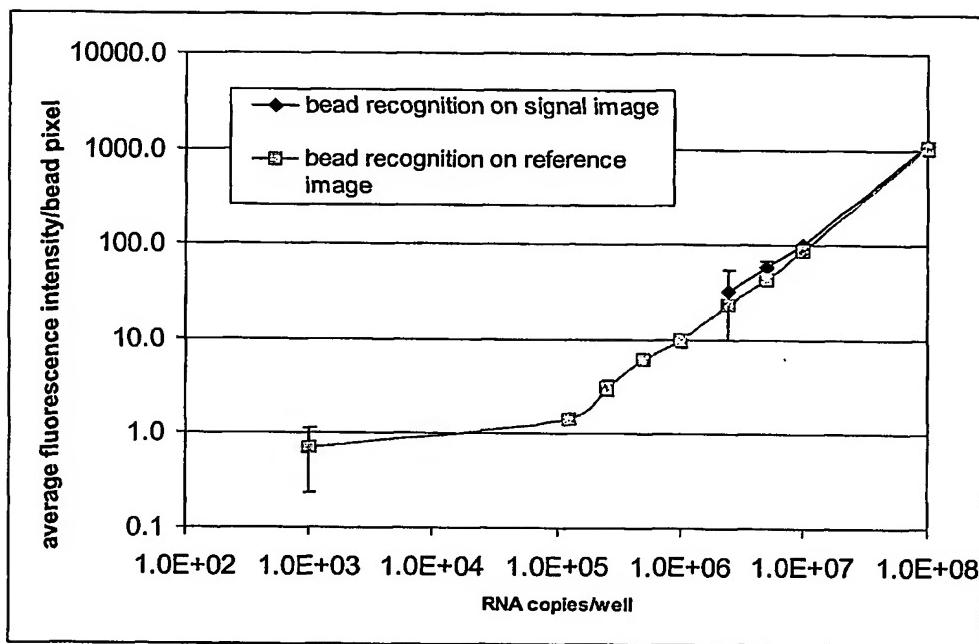


Figure 10

11/12

RNA copies/well	signal image	reference image
1×10^8		
5×10^6		
2.5×10^6		

Figure 11

12/12

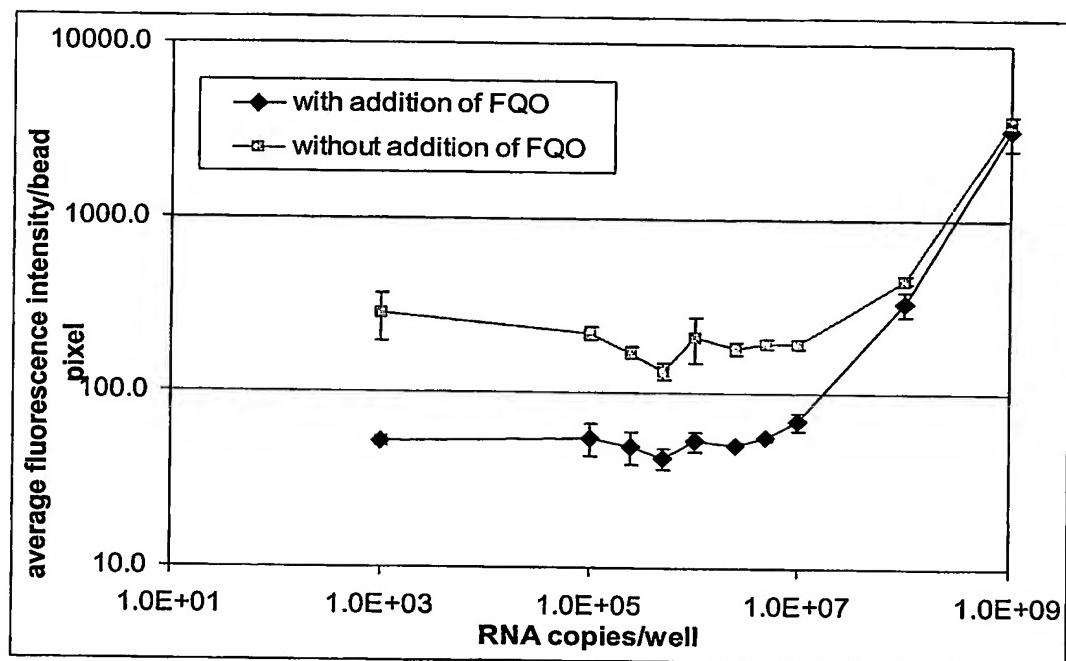


Figure 12